UNITED NATIONS

A

General Assembly

Distr.
GENERAL

A/46/6 (Sect. 17)
3 May 1991

ORIGINAL: ENGLISH

Forty-sixth session

PROPOSED PROGRAMME BUDGET FOR THE BIENNIUM 1992-1993*

PART IV. INTERNATIONAL COOPERATION FOR DEVELOPMENT

Section 17. United Nations Environment Programme

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* The present document contains section 17 of the proposed programme budget for the biennium 1992-1993. The complete proposed programme budget will subsequently be issued in final printed form as Official Records of the General Assembly, Forty-sixth Session, Supplement No. 6 (A/46/6/Rev.1).

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SECTION 17. UNITED NATIONS ENVIRONMENT PROGRAMME

OVERVIEW

TABLE 17.1. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

DIRECT COSTS

(1) Regular budget

1990-1991 appropriation	Estimated additional requirements at revised 1991 rates				Total requirements at revised 1991 rates	Inflation in 1992 and 1993		1992-1993 estimates
	Revaluation of 1990-1991 resource base		Resource growth					
	$	%	$	%	$	$	%	
11 576.2	389.8	3.3	807.3	6.9	12 773.3	1 534.9	12.0	14 308.2

Analysis of real growth (at revised 1991 rates)

(1) Total revalued 1990-1991 resource base	Resource growth				Rate of real growth (5) over (1)
	(2) Actual	(3) Less non-recurrent items	(4) Plus delayed growth (new posts)	(5) Adjusted	
11 966.0	807.3	331.2	72.8	548.9	4.5%

TABLE 17.1 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes	2 705.7	3 104.3
Total (a)	2 705.7	3 104.3
(b) Substantive activities	32 257.1	37 129.0
Total (b)	32 257.1	37 129.0
(c) Operational projects		
Environment Fund:		
Internal projects	30 210.0	57 240.0
Counterpart contributions	5 765.0	6 500.0
Allocations to cooperating agencies	23 370.0	44 280.0
Allocations to supporting organizations	21 420.0	78 480.0
Other funds a/	83 103.2	119 202.2
Total (c)	163 868.2	305 702.2
Total (a), (b) and (c)	198 831.0	345 935.5
Total, direct costs		360 243.7

a/ Details are provided in table 17.12 below.

TABLE 17.2. ANALYSIS OF REVALUED 1990-1991 RESOURCE BASE (AT REVISED 1991 RATE)

(Thousands of United States dollars)

	1990-1991 appropriation (1)	Non-recurrent 1990-1991 items (2)	Additional requirements: Delayed impact of 1990-1991 growth: Established posts (3)	Additional requirements: Delayed impact of 1990-1991 growth: Other objects of expenditure (4)	Additional requirements: Recosting at revised 1991 rates: Established posts (5)	Additional requirements: Recosting at revised 1991 rates: Other objects of expenditure (6)	Additional requirements: Special adjustments (7)	Additional requirements: Total (8)	Net additional requirements (9) (8)-(2)	Total revalued 1990-1991 resource base (10) (1)+(9)
A. Executive direction and management										
1. Office of the Executive Director and regional representation	2 968.8	-	-	-	102.6	9.9	-	112.5	112.5	3 081.3
2. Management of the Environment Fund										
3. Secretariat of the United Nations Scientific Committee on the Effects of Atomic Radiation	1 177.6	8.0	-	-	1.9	8.2	-	10.1	2.1	1 179.7
B. Programme of work	2 614.8	-	-	-	114.1	11.0	-	125.1	125.1	2 739.9
C. Programme support	4 815.0	46.7	-	-	134.2	62.6	-	196.8	150.1	4 965.1
Total	11 576.2	54.7	-	-	352.8	91.7	-	444.5	389.8	11 966.0

TABLE 17.3. REGULAR BUDGET, DIRECT COSTS: SUMMARY OF 1992-1993 REQUIREMENTS AND RATES OF REAL GROWTH

(Thousands of United States dollars)

	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates	Rate of real growth %
A. Executive direction and management							
1. Office of the Executive Director and regional representation	2 968.8	112.5	(195.8)	2 885.5	274.3	3 159.8	(6.3)
2. Management of the Environment Fund							
3. Secretariat of the United Nations Scientific Committee on the Effects of Atomic Radiation	1 177.6	2.1	4.0	1 183.7	85.6	1 269.3	0.3
B. Programme of work	2 614.8	125.1	-	2 739.9	293.4	3 033.3	-
C. Programme support	4 815.0	150.1	999.1	5 964.2	881.6	6 845.8	14.9
Total	11 576.2	389.8	807.3	12 773.3	1 534.9	14 308.2	4.5

TABLE 17.4. REGULAR BUDGET, DIRECT COSTS: SUMMARY OF 1992-1993 REQUIREMENTS AND RATES OF REAL GROWTH, BY OBJECT OF EXPENDITURE

(Thousands of United States dollars)

Objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates		Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates	Rate of real growth %
		Revaluation of 1990-1991 resource base	Resource growth				
Established posts	5 182.5	221.0	49.8	5 453.3	571.9	6 025.2	1.7
Temporary assistance for meetings	1 165.8	10.8	644.3	1 820.9	298.9	2 119.8	31.9
General temporary assistance	111.6	4.5	-	116.1	14.1	130.2	-
Consultants	359.1	12.4	2.8	374.3	41.6	415.9	0.7
Overtime and night differential	99.3	2.0	11.6	112.9	14.7	127.6	1.5
Ad hoc expert groups	40.4	2.3	-	42.7	7.1	49.8	-
Common staff costs	2 905.2	131.8	31.2	3 068.2	336.1	3 404.3	1.9
Representation allowances	23.6	-	-	23.6	-	23.6	-
Travel of representatives	220.8	4.3	10.0	235.1	13.6	248.7	-
Travel of staff	225.2	9.9	1.7	236.8	34.1	270.9	0.7
Training	17.9	0.9	-	18.8	3.1	21.9	-
Contractual services	73.6	1.1	2.1	76.8	12.9	89.7	2.8
External printing and binding	78.3	1.1	-	79.4	6.2	85.6	-
Rental of furniture and equipment	289.6	10.3	27.4	327.3	53.2	380.5	1.1
Communications	267.1	13.1	-	280.2	45.0	325.2	-
Official functions	10.8	0.2	5.8	16.8	2.5	19.3	-
Miscellaneous services	12.7	-	4.2	16.9	2.7	19.6	5.5
Supplies and materials	286.4	11.1	12.4	309.9	50.7	360.6	0.8
Furniture and equipment	206.3	(47.0)	4.0	163.3	26.5	189.8	2.5
Total	11 576.2	389.8	807.3	12 773.3	1 534.9	14 308.2	4.5

TABLE 17.5. POST REQUIREMENTS

Organizational unit: United Nations Environment Programme

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
USG	1	1	-	-	-	-	1	1
ASG	2	2	-	-	1	1	3	3
D-2	3	3	-	-	16	16	19	19
D-1	3	3	-	-	18	20	21	23
P-5	11	11	-	-	47	49	58	60
P-4	11	12	-	-	62	72	73	84
P-3	4	4	-	-	75	85	79	89
P-2/1	3	3	-	-	58	43	61	46
Total	38	39	-	-	277	286	315	325
General Service category								
Principal level	1	1	-	-	-	-	1	1
Other levels	5	5	-	-	-	-	5	5
Total	6	6	-	-	-	-	6	6
Other categories								
Local level	43	43	-	-	385	395	428	438
Total	43	43	-	-	385	395	428	438
Grand total	87	88	-	-	662	681	749	769

17.1 Programme 16, Environment, of the medium-term plan for the period 1992-1997 (A/45/6/Rev.1), is the responsibility of the secretariat of the United Nations Environment Programme (UNEP). Following the United Nations Conference on the Human Environment, held at Stockholm in June 1972, the General Assembly, by its resolution 2997 (XXVII) of 15 December 1972, established a Governing Council of UNEP and a small secretariat to serve as the focal point for environmental action and coordination of the United Nations system. By the same resolution, the Assembly also established the Environment Fund. The Governing Council provides overall guidance to the work of UNEP and reports to the General Assembly (Second Committee).

17.2 The environment programme responds to and is basically structured to cover environmental assessment, environmental management, which includes several subject areas, and supporting measures.

17.3 Environmental assessment, also referred to as Earthwatch, focuses on global and regional assessment, research, data collection exchange and collation, evaluation and review. The Global Environment Monitoring System Programme Activity Centre (GEMS/PAC) is the mechanism for global monitoring, while the International Referral System for Sources of Environmental Information Programme Activity Centre (INFOTERRA/PAC) and the International Register of Potentially Toxic Chemicals Programme Activity Centre (IRPTC/PAC) focus on information exchange in general terms and on potentially toxic chemicals, respectively. Environmental data and statistics in support of UNEP are handled in this area. The results of assessments are used in environmental management and transmitted to Governments as a basis for policy decisions.

17.4 Environmental management deals with the preparation of methodologies and actions to prevent and address environmental problems in matters related to the following areas: oceans, focusing on a globally integrated set of action plans for regional areas; desertification; industry, transportation and energy; impact of technology on the environment; human settlements; and terrestrial ecosystems, which include soils, tropical forests, wildlife, genetic resources, lithosphere, fresh water resources, management of agricultural chemicals and residues, and biogeochemical cycles.

17.5 Supporting measures are undertaken to supplement and ensure the success of the above activities. Environmental law and machinery addresses the development of legal principles and instruments. Environmental education and training, information and technical assistance constitute important assets for environmental assessment and environmental management, aiming at developing capable manpower resources in the field of the environment, promoting the growth of public awareness of environmental problems and responding to the specific problem-solving needs of Governments. The integration of environment into development planning calls for a reorientation of design and implementation of development activities so that these will be sensitive to existing environmental constraints and opportunities.

17.6 The estimated percentage distribution of the total resources of the United Nations Environment Programme in 1992-1993 would be as follows:

		Regular budget	Extrabudgetary
		(percentage)	
A.	Executive direction and management	35.6	1.5
B.	Programme of work	22.9	93.7
C.	Programme support	41.5	4.8
	Total	100.0	100.0

17.7 Within the programme of work, the estimated percentage distribution of resources among subprogrammes of the environment programme in 1992-1993 is as follows:

		Regular budget	Extrabudgetary
		(percentage)	
Subprogramme 1.*	Atmosphere	8.3	34.5
Subprogramme 2.*	Water	4.2	3.8
Subprogramme 3.*	Terrestrial ecosystems	25.0	9.6
Subprogramme 4.*	Oceans	8.3	8.3
Subprogramme 5.	Lithosphere	-	0.4
Subprogramme 6.	Human settlements and the environment	-	1.4
Subprogramme 7.*	Human health and welfare	8.3	1.1
Subprogramme 8.*	Energy, industry and transportation	4.2	4.5
Subprogramme 9.	Environmental assessment	4.2	11.8
Subprogramme 10.	Environmental management measures	20.8	6.8
Subprogramme 11.	Environmental awareness	16.7	8.1
Subprogramme 12.*	Global and regional cooperation	-	9.7
	Total	100.0	100.0

* High priority.

A. Executive direction and management

1. Office of the Executive Director and regional representation

TABLE 17.6. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	1 812.4	66.0	(120.4)	1 758.0	160.0	1 918.0
General temporary assistance	54.3	1.6	-	55.9	4.1	60.0
Consultants	49.1	2.6	-	51.7	8.6	60.3
Overtime and night differential	11.4	0.4	-	11.8	0.9	12.7
Common staff costs	895.8	36.6	(75.4)	857.0	82.5	939.5
Representation allowances	15.2	-	-	15.2	-	15.2
Travel of staff	110.2	4.9	-	115.1	16.7	131.8
Communications	16.0	0.4	-	16.4	1.2	17.6
Supplies and materials	4.4	-	-	4.4	0.3	4.7
Total	2 968.8	112.5	(195.8)	2 885.5	274.3	3 159.8

TABLE 17.6 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes		
UNEP Special Account for Programme Support Costs	502.0	670.3
Total (a)	502.0	670.3
(b) Substantive activities		
Environment Fund: programme costs	9 818.9	11 829.4
Total (b)	9 818.9	11 829.4
(c) Operational projects	-	-
Total (c)	-	-
Total (a), (b) and (c)	10 320.9	12 499.7
	Total	15 659.5

TABLE 17.7. POST REQUIREMENTS

Executive direction and management

	Established posts		Temporary posts				Total	
	Regular budget		Regular budget		Extrabudgetary resources			
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
USG	1	1	-	-	-	-	1	1
ASG	1	1	-	-	-	-	1	1
D-2	1	1	-	-	6	6	7	7
D-1	1	1	-	-	2	3	3	4
P-5	4	4	-	-	6	7	10	11
P-4	2	2	-	-	5	6	7	8
P-3	1	1	-	-	4	6	5	7
P-2/1	-	-	-	-	3	3	3	3
Total	11	11	-	-	26	31	37	42
General Service category								
Principal level	-	-	-	-	1	1	1	1
Other levels	4	4	-	-	10	10	14	14
Total	4	4	-	-	11	11	15	15
Other categories								
Local level	6	6	-	-	41	45	47	51
Total	6	6	-	-	41	45	47	51
Grand total	21	21	-	-	78	87	99	108

17.8 The Executive Director provides the overall direction and management of the activities of the UNEP secretariat. The main functions of the regional offices which are located at Addis Ababa, Bahrain, Bangkok, Geneva, Mexico City and New York, are to represent UNEP and the Executive Director in the region, to foster and promote the goals and targets of UNEP, and to maintain liaison and cooperation in the region with governmental authorities, public and private institutions and organized groups of individuals at all levels. The regional offices coordinate with the regional economic commissions on all matters of common interest. They provide, upon request, advisory services to Governments for the solution of their most pressing environmental problems and for the integration of environmental concerns into development planning. They collaborate with the regional representatives or offices of other United Nations organs, particularly the United Nations resident coordinators and resident representatives and others responsible for the formulation of regional and country programmes and projects. The costs of the offices are met from extrabudgetary resources, except for the offices at New York and Geneva, which are funded in part by the regular budget.

17.9 The Office of the Executive Director is responsible for the following parliamentary documentation to be submitted to the Governing Council: annual reports of the Executive Director; introductory report of the Executive Director; memoranda of understanding signed between UNEP and United Nations organs; joint UNEP/United Nations Centre for Human Settlements (Habitat) report on cooperation; follow-up and implementation of the decisions of the United Nations Conference on Environment and Development (UNCTAD); implementation of the Plan of Action to Combat Desertification 1991-1992; implementation of environmental conventions and protocols; registration of international environmental conventions and protocols; updated list of selected environmentally harmful chemical substances, processes and phenomena of global significance; programme matters calling for policy guidance from the Council; proposals for the revision of the system-wide medium-term environment programme 1990-1995; programme and programme support costs; management and proposed utilization of resources from the Environment Fund; and additional sources of funds and management of trust funds and other funds.

Resource requirements (at revised 1991 rates)

Established posts

17.10 The estimated requirements for established posts ($1,758,000) and common staff costs ($857,000) includes a decrease of $120,400 and $75,400 respectively, related to the redeployment to programme support of one D-1 post.

General temporary assistance

17.11 The estimated requirements under this heading ($55,900) relate to general temporary assistance for the regional offices for North America and for Europe to cope with the peak workload as well as sick and maternity leave.

Consultants

17.12 The provision of $51,700 relates to the preparation of reports concerning substantive follow-up to General Assembly resolutions 42/186 and 42/187 of 11 December 1987 and 44/227 of 22 December 1989.

Overtime and night differential

17.13 The estimated amount under this heading ($11,800) is required to cope with additional workload in the Regional Office for North America during sessions of the General Assembly and in the Regional Office in Europe during various meetings to be held at Geneva.

Travel of staff

17.14 The estimated requirement ($115,100) relates to attendance at meetings of United Nations bodies, conferences and panels; consultations with Governments; consultations with officials at United Nations Headquarters, UNDP headquarters, the specialized agencies and the regional commissions; representation at meetings and conferences of intergovernmental and non-governmental organizations and public information activities; the travel of the Director and Deputy Director of the Regional Office for North America to UNEP headquarters to attend regional and liaison directors meetings and to the travel of the Director and senior programme officer of the Regional Office for Europe to Governments in the region, to meetings and to UNEP headquarters.

Communications and supplies and materials

17.15 The estimates for communications ($16,400) and ($4,400) for supplies and materials would provide for the requirements of the two regional offices.

2. Management of the Environment Fund

TABLE 17.8. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget: Nil

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes		
UNEP Special Account for Programme Support Costs	317.0	408.8
Total (a)	317.0	408.8
(b) Substantive activities		
Environment Fund	2 540.7	3 306.6
Total (b)	2 540.7	3 306.6
(c) Operational projects	-	-
Total (c)	-	-
Total (a), (b) and (c)	2 857.7	3 715.4
	Total	3 715.4

TABLE 17.9. POST REQUIREMENTS

Management of the Environment Fund

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
ASG	-	-	-	-	1	1	1	1
D-2	-	-	-	-	1	1	1	1
D-1	-	-	-	-	1	1	1	1
P-5	-	-	-	-	5	5	5	5
P-4	-	-	-	-	7	7	7	7
P-3	-	-	-	-	2	2	2	2
P-2/1	-	-	-	-	5	5	5	5
Total	-	-	-	-	22	22	22	22
Other categories								
Local level	-	-	-	-	42	42	42	42
Total	-	-	-	-	42	42	42	42
Grand total	-	-	-	-	64	64	64	64

17.16 The management and administration of the Environment Fund is the responsibility of the Assistant Executive Director, Office of the Environment Fund and Administration. The Assistant Executive Director also supervises the Administrative Service. In addition to the Office of the Assistant Executive Director and Director of the Fund, this Office includes the Fund Programme Management Branch. This programme is supported wholly by the Environment Fund, although the Office itself divides its workload between administration and fund matters.

3. Secretariat of the United Nations Scientific Committee on the Effects of Atomic Radiation

TABLE 17.10. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	503.5	1.3	-	504.8	44.9	549.7
Consultants	176.1	2.9	-	179.0	9.0	188.0
Overtime and night differential	19.6	0.3	-	19.9	1.0	20.9
Common staff costs	175.6	0.6	-	176.2	15.6	191.8
Travel of representatives	209.7	4.3	-	214.0	10.7	224.7
Travel of staff	25.4	0.6	-	26.0	1.3	27.3
External printing and binding	59.7	0.1	-	59.8	3.0	62.8
Furniture and equipment	8.0	(8.0)	4.0	4.0	0.1	4.1
Total	1 177.6	2.1	4.0	1 183.7	85.6	1 269.3

(2) Extrabudgetary resources	-
Total	1 269.3

TABLE 17.11. POST REQUIREMENTS

Secretariat of the United Nations Scientific Committee on the Effects of Atomic Radiation

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
D-1	1	1	-	-	-	-	1	1
P-5	1	1	-	-	-	-	1	1
Total	2	2	-	-	-	-	2	2
General Service category								
Principal level	1	1	-	-	-	-	1	1
Other levels	1	1	-	-	-	-	1	1
Total	2	2	-	-	-	-	2	2
Grand total	4	4	-	-	-	-	4	4

17.17 The United Nations Scientific Committee on the Effects of Atomic Radiation (UNSCEAR) was established by General Assembly resolution 913 (X) of 3 December 1955 and entrusted with the compilation and distribution of scientific data on the impact of ionizing radiation upon man and the environment. The secretariat of the Committee, located at Vienna, is responsible, with the administrative support services of the United Nations Office at Vienna, for the provision of substantive services to the Committee which meets annually. The secretariat of the Committee will complete and prepare during the biennium 1992-1993 a comprehensive report on natural and man-made sources of ionizing radiation and the effects on man and the environment.

Resource requirements (at revised 1991 rates)

Consultants

17.18 The estimated requirements under this heading ($179,000) would provide for the preparation of approximately 14 documents for the annual sessions of UNSCEAR.

Overtime and night differential

17.19 The provision for overtime under this heading ($19,900) would be required in connection with the annual sessions of the Committee and the preparation of reports.

Travel of representatives

17.20 The estimated requirement of $214,000 represents provision for the annual meeting of UNSCEAR.

Travel of staff

17.21 The estimated requirements under this heading ($26,000) relate to travel of the Secretary and the Scientific Secretary to scientific meetings, laboratories, and consultations at UNEP Headquarters.

External printing and binding

17.22 The estimated requirements under this heading ($59,800) relate to the publication of the comprehensive report on natural and man-made sources of ionizing radiation and the effects on man and the environment.

Furniture and equipment

17.23 A provision of $4,000 is proposed to cover the acquisition of a micro-computer with printer to assist the Secretariat with scientific calculations and the production data required for the Committee's work programme.

B. Programme of work

TABLE 17.12. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates: Revaluation of 1990-1991 resource base	Estimated additional requirements at revised 1991 rates: Resource growth	Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
Established posts	1 448.7	70.4	-	1 519.1	153.3	1 672.4
Consultants	114.7	5.8	-	120.5	20.1	140.6
Ad hoc expert groups	40.4	2.3	-	42.7	7.1	49.8
Common staff costs	947.3	43.7	-	991.0	103.2	1 094.2
Representation allowances	8.4	-	-	8.4	-	8.4
Travel of staff	55.3	2.9	-	58.2	9.7	67.9
Total	2 614.8	125.1	-	2 739.9	293.4	3 033.3

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes		
UNEP Special Account for Programme Support Costs	683.3	695.2
Total (a)	683.3	695.2
(b) Substantive activities		
Environment Fund: programme costs	6 055.7	6 667.7
Total (b)	6 055.7	6 667.7

TABLE 17.12 (continued)

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(c) Operational projects		
Environment Fund:		
Internal projects	30 210.0	57 240.0
Counterpart contributions	5 765.0	6 500.0
Allocations to cooperating agencies	23 370.0	44 280.0
Allocations to supporting organizations	21 420.0	78 480.0
Regional Trust Fund for the Protection of the Mediterranean Sea against Pollution	8 924.2	6 000.0
Regional Trust Fund for the Protection and Development of the Marine Environment and the Coastal Areas of Bahrain, the Islamic Republic of Iran, Iraq, Kuwait, Oman, Qatar, Saudi Arabia and the United Arab Emirates	163.7	164.0
Trust Fund for the Convention on International Trade in Endangered Species of Wild Fauna and Flora	2 666.9	3 300.0
East Asian Seas Trust Fund	138.3	190.0
Regional Trust Fund for the Implementation of the Action Plan for the Caribbean Environment Programme	2 920.0	3 000.0
Trust Fund for Protection and Development of the Marine Environment in the Coastal Areas of the West and Central African Region	1 165.7	1 200.0
United Nations Environment Conservation Stamp Trust Fund	36.0	-
Regional Seas Trust Fund for the East African Region	294.8	300.0
Trust Fund for the Regional Environmental Training Network on Latin America and the Caribbean	81.7	120.0
Trust Fund for the Montreal Protocol on Substances that Deplete the Ozone Layer	3 423.0	4 225.0
Trust Fund for the Vienna Convention on the Protection of the Ozone Layer	653.9	1 200.0
Trust Fund for the Convention on the Conservation of Migratory Species of Wild Animals	662.0	900.0
Trust Fund for the Interim Multilateral Fund under the Montreal Protocol on Substances that Deplete the Ozone Layer	53 333.3	93 333.3
Technical Cooperation Trust Fund for an Integrated Pilot Project on Environmental Management and Protection of Andean Ecosystems	424.3	600.0
Trust Fund to provide experts to UNEP Policy Response Options related to Climate Change	10.0	-
Trust Fund to promote Technical Cooperation and Assistance in Industrial, Environmental, and Raw Material Management	329.2	-
Technical Cooperation Trust Fund to Provide Consultancies to Developing Countries	285.9	300.0
Technical Cooperation Trust Fund for financing professional officers	270.0	300.0

TABLE 17.12 (continued)

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
Technical Cooperation Trust Fund to Provide Experts to UNEP's Global Resource Information Database	115.0	120.0
Technical Cooperation Trust Fund for Activities in Developing Countries on Environmental Awareness and Machinery	285.7	300.0
Trust Fund to support the Clearing-house Mechanism through the provision of Consultancies on strategies for dealing with serious environment problems	6.2	-
Trust Fund to Provide Experts to the UNEP Ozone Secretariat	30.0	-
Trust Fund for Protection of the Ozone Layer under the Vienna Convention and Montreal Protocol	1 972.0	-
Global Resource Information Database (ARENDAL)	1 142.0	1 142.0
Technical Cooperation Trust Fund for the Provision of a Forest Officer	95.0	-
Trust Fund to Assist Implementation of Montreal Protocol on Substances that Deplete the Ozone layer in Developing Countries	200.9	200.0
INFOTERRA Technical Cooperation Trust Fund	68.0	136.0
Trust Funds for Junior Professional Officers	2 567.5	1 225.0
Trust Fund for Sasakawa International Environment Prize	685.5	800.0
Special Account for the Plan of Action to Combat Desertification	152.5	146.9
Total (c)	163 868.2	305 702.2
Total (a), (b) and (c)	170 607.2	313 065.1
Total		316 098.4

TABLE 17.13. POST REQUIREMENTS

Programme of work

	Established posts		Temporary posts					
	Regular budget		Regular budget		Extrabudgetary resources		Total	
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
ASG	1	1	-	-	-	-	1	1
D-2	2	2	-	-	9	9	11	11
D-1	-	-	-	-	15	16	15	16
P-5	3	3	-	-	39	39	42	42
P-4	6	6	-	-	46	56	52	62
P-3	1	1	-	-	53	61	54	62
P-2/1	1	1	-	-	45	30	46	31
Total	14	14	-	-	207	211	221	225
Other categories								
Local level	8	8	-	-	187	193	195	201
Total	8	8	-	-	187	193	195	201
Grand total	22	22	-	-	394	404	416	426

17.24 The environment programme makes available methodological guidance for enviromental assessment and management, promotes cooperation among countries to alleviate common environmental problems, and supports environmental education and training. Effective inter-linkages are established between the various components of an integrated programme, aiming at ensuring that economic and social development based on the globe's natural resources can take place on a sustainable basis.

17.25 The activities under this programme are mostly financed from voluntary funds, particularly the Environment Fund, under a biennial programme budget approved by the Governing Council. The regular budget contribution is used to defray expenses for carrying out substantive tasks given to the Secretariat under section II, of General Assembly resolution 2997 (XXVII) of 15 December 1972.

Subprogramme 1. Atmosphere

17.26 Emphasis will be placed on assessment of the impacts of climate variability and change and of response options; and support to the preparation of a global convention on climate and the further assessment of ozone layer modification and its impacts.

Activities (XB):

1. Published material

Thirteen non-recurrent publications: three regional assessments of global climate change impacts;* methodology for the preparation of regional analysis of climate change impact; sectoral impact studies on climate; two regional reports on strategies to address drought impact; updated assessment of the state of the ozone layer; effects of ultraviolet radiation on ecosystems; data report of the expanded background air pollution network; acid deposition; IPCC up-dated assessment of climate change; joint publication with the International Geosphere-Biosphere Programme; and the World Climate Programme, jointly with the World Meteorological Organization (WMO).

2. Information materials and services

Information kit, film and booklet on a convention on climage change;* quarterly newsletter on national climate impact programmes.

3. Operational activities

Advisory services to member Governments on: technical aspects of the climate convention, including seminars, workshops, technology transfer and greenhouse gases limitation strategies; and the development and implementation of policies and guidelines for the control of man-induced pollution of the atmosphere.

4. Coordination, harmonization and liaison

Coordination of the work of international organizations (WMO, the Food and Agriculture Organization of the United Nations (FAO), the World Health Organization

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* High priority.

(WHO), the United Nations Industrial Development Organization (UNIDO), the United Nations Educational, Scientific and Cultural Organization (UNESCO), IIASA, and the World Resources Institute (WRI)) in the field of climate through support to various policy meetings, technical committees and groups dealing with different topics related to climate change, including the Intergovernmental Panel on Climate Change and the International Geosphere-Biosphere Programme, and providing support to the Climate Network of the Programme of Action of the African Conference on the Environment (AMCEN).

Subprogramme 2. Water

17.27 Emphasis will be placed on the development and implementation of environmentally-sound water management programmes, support and follow-up to the International Conference on Water and the Environment.

Activities (XB):

1. Information materials and services

Six technical pamphlets.

2. Operational activities

(a) Advisory services to Governments on: the development and implementation of action plans and legal instruments for the integrated management of fresh water resources;* strengthening their institutional capabilities for the provision, maintenance and management of drinking water and sanitation on a sustainable basis and the pollution control of water resources and waste water re-use;

(b) Training courses on: environmentally sound management of water resources; and drinking water quality control and sanitation;

(c) Support to regional organizations for the implementation of action plans for the integrated management of fresh water resources through pilot field projects.*

3. Coordination, harmonization and liaison

Coordination, jointly with other concerned agencies, of the follow-up to the International Conference on Water and the Environment scheduled for January 1992; liaison and coordination work in support of the recommendations of the United Nations Conference on Environment and Development scheduled for June 1992; participation in the work of the Inter-secretariat Group for Water Resources.

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* High priority.

Subprogramme 3. Terrestrial ecosystems

17.28 Emphasis will be placed on: regional and national assessments of soil degradation and assistance to countries in the formulation of soil policies, planning and training; continuing with the work of the International Programme on Chemical Safety (IPCS) and introducing new research elements for integrated control of agricultural pests; assistance to countries for the formulation of National Plans of Action to Combat Desertification, the assessment of desertification at the national and regional level, the development of a desertification control database, and support to regional desertification action plans, village projects and training; assessment of forest and other vegetation cover, studies of interactions with atmosphere, soil and water, support to the development and implementation of regional and national plans for sustainable management of forests, and training on environmental aspects of forest management; and country case-studies in relation to the framework convention on conservation and rational use of biological diversity, development and implementation of the World Conservation Strategy for the 1990s and the decade strategy on biodiversity conservation, improved management of wildlands, conservation of plant and animal genetic resources and support to regional microbiological resources centres (MIRCENS), and strengthening of the regional MIRCENS network for continued pilot application of environmentally sound biotechnology and on the assessment of the ecological and socio-economic impact of biotechnology applications.

Activities (XB):

1. Published materials

(a) Four issues of recurrent publications: desertification control bulletin;

(b) Seventeen non-recurrent publications: World Atlas of Thematic Maps on Desertification;* two guidelines on desertification control techniques; desertification control database; regional assessment of soil degradation in Africa at 1:1 million scale;* soil loss evaluation in terms of productivity; data report on the level and impact of pesticides and fertilizers on the environment; comprehensive risk evaluation of pesticides included in the Prior Informed Consent procedure; two national assessments of soil degradation; three national soils policy reports; the safety of biological control agents; the safe use of pesticides; assessment of forest and other vegetation cover and biomass and interaction with atmosphere, soil and water, jointly with FAO; effects of acid deposition on vegetation cover, jointly with FAO and/or the Economic Commission for Europe (ECE).

2. Information materials and services

Information brochure on desertification control; and videofilm on global soil degradation.

3. International cooperation

Development, in cooperation with FAO, of a legal instrument for sustainable forest management and reforestation.

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* High priority.

4. Operational activities

(a) Advisory services to member Governments on: formulation of national action plans to combat desertification; establishment of projects at the village level involving popular participation for the rational exploitation of natural resources, including sustainable production of food, fodder, fuel and pastoral nomadism in arid, semi-arid and sub-humid regions; preparation of national assessment of soil degradation at 1:500,000 scale; formulation of sustainable soil policies and management of fragile ecosystems; promotion of the use of geographical information systems (GIS) technology in environmental databases relevant to sustainable agriculture and livestock development; implementation of the international Code of Conduct on the Distribution and Use of Pesticides; development of regional and national plans for sustainable management of forests and protection of vegetation cover in critical areas; inclusion of environmental impact assessment in forest activities; and implementation of existing legal instruments and plans on biodiversity conservation and use: Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES), Convention on Migratory Species of Wild Animals (CMS), World Charter for Nature, Wetlands Convention, World Heritage Convention and regional conventions;

(b) Training courses on: desertification control techniques; assessment of soil degradation; formulation and implementation of national soils policies; various aspects of biological pest control, sustainable agriculture and livestock development; safe and efficient use of pesticides; biological pest control; sustainable agriculture and sustainable livestock development; environmental aspects of forest management; economic evaluation of forests; four courses in natural resources management and biological diversity and genetic resources conservation per year; and four courses on application of biotechnology for environmental management;

(c) Support to member countries for the preparation of case studies on biological diversity status and conservation costs and to regional MIRCENS.

5. Coordination, harmonization and liaison

Coordination of the Inter-agency Working Group on Desertification (IAWGD); convening of round-table conferences to assist Governments in financing projects under their national action plans to combat desertification; support to networking activities in the field of soils and fertilizers of the African Ministerial Conference on the Environment, the FAO/UNEP Panel of Experts on Integrated Pest Control, and to FAO towards elaborating a world strategy for sustainable agriculture.

Subprogramme 4. Oceans

17.29 Emphasis will be placed on the implementation of the action plans on existing regional seas and the preparation of new ones, with increased emphasis on environment-development interactions and integrated coastal safe management, study of the effects of climate change and sealevel rise, formulation of an integrated global ocean monitoring programme, and coordination of the Marine Mammals Action Plan. Substantive services will be provided to the meetings contracting parties and coordinating bodies of a number of conventions and other instruments.

Activities (XB):

1. International cooperation

Assistance will be provided on an ad hoc basis to Governments, upon request, in connection with: marine pollution disasters, in cooperation with other United Nations agencies, such as IMO and FAO; a draft protocol on the protection of the Mediterranean Sea against pollution resulting from the exploration and exploitation of the continental shelf and the seabed and its subsoil, under the Barcelona Convention on the protection of the Mediterranean Sea; and a protocol on land-based sources of pollution under the west and central African region; and a plan of action for the protection of the Black Sea.

2. Parliamentary services

(a) Parliamentary documentation: seven reports of the Executive Director to the meetings of: the contracting parties to the Barcelona Convention on the Protection of the Mediterranean Sea against Pollution Resulting from the Exploration and Exploitation of the Continental Shelf and the Seabed and its Subsoil; the contracting parties to the Kuwait Action Plan; the contracting parties to the Cartagena Convention for the Protection and Development of the Marine Environment of the Wider Caribbean Region; the Steering Committee and Contracting Parties to the West and Central African Action Plan; the contracting parties to the Nairobi Convention on the Protection, Management and Development of the Marine and Coastal Areas of the Eastern African Region; the Coordinating Body for the Seas of East Asia of the Action Plan; and the Action Plan for the protection of the Black Sea;

(b) Ad hoc expert group meetings: task teams on climate change and sealevel rise in regional seas areas (10 meetings per year); coordinators of the task teams on climate change and sea level rise; Mediterranean Sea; Kuwait Action Plan; Caribbean Action Plan; West and Central African Action Plan; Eastern African Action Plan; East Asian Seas Action Plan; Black Sea Action Plan; and in the North-west Pacific.

3. Published material

Fifty-two non-recurrent publications: 20 technical reports relating to the Mediterranean Sea Action Plan; 10 national reports on the status of coastal and marine resources of the Caribbean Action Plan; four reports on activities related to the West and Central African Action Plan and Eastern African Action Plan; monitoring of oil pollution in the East Asian Seas; survey of coastal and marine habitats in selected vulnerable areas of the Red Sea; climatic change and sealevel rise in the South-Pacific region;* assessment of land-based sources of marine pollution in the South Asian seas; marine pollution in the Black Sea; regional overview report on the North-west Pacific; environmental impact assessment; state of the marine environment;* review of carcinogens and nutrients as marine pollutants; long-term marine pollution control strategy; five reference methods for marine pollutants; analyses of environmental, sociological and economic effects arising from climatic change and sea-level rise;* and review of the theoretical and practical problems behind biological monitoring.

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* High priority.

Subprogramme 5. Lithosphere**

17.30 Emphasis will be placed on research and training on the effects of mining practices on the environment and on the study of the biochemical cycles of phosphorus and carbon.

Activities (XB):

1. Published material

Five non-recurrent publications on: phosphorus cycles in African ecosystems; the biogeochemical cycles of phosphorus in major ecosystems of the Earth; the flux of organic particles in the ocean; assessment of water pollution in mining districts; and safe storage of hazardous wastes in appropriate geological formations.

2. Operational activities

Two training courses on regulating mining operations and safe storage of hazardous waste.

Subprogramme 6. Human settlements and the environment

17.31 Emphasis will be placed on a plan of action on environmental aspects of metropolitan growth and management, establishment of policy options in coastal areas threatened by climate change and application of the UNEP/WHO guidelines on health aspects of human settlements planning. In the area of preparedness and urgent environmental assistance for natural and man-made disasters, emphasis will be placed on support to the United Nations Centre for Urgent Environmental Assistance and the preparation of guidelines on natural disasters reduction, in keeping with the objectives of the International Decade for Natural Disaster Reduction.

Activities (XB):

1. International cooperation

Preparation jointly with the United Nations Centre for Human Settlements (Habitat), UNESCO and WHO of a plan of action on environmental aspects of metropolitan growth and management, which is expected to be adopted by 1993 in four selected cities;** preparation jointly with Habitat, WMO, WHO and the Office of the United Nations Disaster Relief Coordinator (UNDRO) of policy options for coastal settlements in the context of sea-level rise.**

2. Published material

Two non-recurrent publications on: guidelines for environmental aspects of metropolitan planning for sustainable development;** and guidelines on natural disasters reduction, jointly with the International Decade for Natural Disaster Reduction and UNDRO.**

** Low priority.

3. Operational activities

(a) Advisory services on the application of environmentally appropriate technologies for air and water pollution and waste-water handling and for the application of the UNEP/WHO guidelines on health aspects of human settlements planning;**

(b) Training course on human settlements planning addressed to urban managers.**

Subprogramme 7. Human health and welfare

17.32 Emphasis will be placed on the implementation of the International Programme on Chemical Safety (IPCS), particularly the management of chemical emergencies, the review of priority chemical and physical agents, the harmonization of methodology for risk evaluation, and manpower training in the field of chemical safety. Ecologically sound methods for vector and pest control will also be developed through field demonstration and training activities, guidelines, and support to the Joint Panel of Experts on Environmental Management of Vector Control (PEEM).

Activities (XB):

1. Published material

Forty-six non-recurrent publications: under the ILO/UNEP/WHO International Programme on Chemical Safety, 20 issues of evaluated information on the hazards of environmental pollutants; environmental health criteria documents on selected chemicals, and 20 issues of Health and Safety Guides;* guidelines for environmental standard setting and environmental health criteria for physical factors (with WHO); study on the relationship between environmental factors, human cancer and genetic defects (with the International Agency for Research on Cancer (IARC)); health effects of urban air pollution: epidemiological studies and control strategies (with IARC and WHO); epidemiological surveillance of communicable disease, biennially (with WHO, Monitoring and Assessment Research Centre (MARC) and UNEPCOM); health aspects of waste-water use for agriculture (with FAO and WHO).

2. Operational activities

(a) Advisory services on: management of chemical emergencies; and the use of computer based management tools for environmental management in relation to pest and vector control in public health, agriculture and livestock development;

(b) Training courses on: management of chemical emergencies (one per year); and environmental management of mycotoxins, pesticides, heavy metals and other food and feed contaminants (one per year).

** Low priority.

* High priority.

3. Coordination, harmonization and liaison

Joint programming activities and project implementation is realized with FAO, ILO, Habitat, WHO, WMO, IARC, non-governmental organizations, and national cooperating centres.

Subprogramme 8. Energy, industry and transportation

17.33 Emphasis will be placed on assistance to countries to strengthen the integration of environmental considerations into the planning, production and use of energy and the formulation of the energy policy which takes into account climate change. Emphasis will also be placed on the coordination of the cleaner production network, the APELL programme to prevent and respond to technological accidents, the promotion of action to integrate environmental considerations into industrial development and technical support to developing countries in the development of industrial environmental policies and activities.

Activities (XB):

1. International cooperation

Development of a tourism and an environment code of conduct.

2. Published materials

(a) Eight issues of recurrent publications: Industry and Environment Review;

(b) Ten non-recurrent publications on: efficient energy technologies and conservation measures (with the Department of Technical Cooperation for Development); establishment, maintenance of dissemination of an energy environmental database; models, methods and guidelines for integrated energy-environment planning programmes; guidelines for a national energy policy, which takes into account climate change; three guides on environmental management techniques; environmentally sound transportation systems (with the World Bank and Habitat); technical guidelines on tourism area planning (with the World Tourism Organization (WTO)); and technical guides on the working environment (with ILO and WHO).

3. Information materials and services

Four issues of the cleaner production newsletter; and four issues of APELL newsletter.

4. Operational activities

(a) Advisory services on: formulation of national energy policies, with special reference to climate change issues; development of industrial environmental policies and activities; and environmentally sound transportation systems;

(b) Two training courses on energy and environment; two regional training seminars on environmentally sound transportation systems; one regional training seminar on tourism area planning, jointly organized with WTO; one regional seminar, organized yearly with ILO and WHO, for workers' organizations.

5. Coordination, harmonization and liaison

Joint programming activities and project implementation with UNIDO, ILO, WHO, WTO, the Centre for Science and Technology for Development, the United Nations Centre on Transnational Corporations, non-governmental organizations, industrial sectors and national institutions.

Subprogramme 9. Environmental assessment

17.34 INFOTERRA will give emphasis to the provision of referral services to users and on-line access to data banks, support to developing countries to strengthen their institutional capabilities for storing and retrieving environmental information, and establishment of a network of information systems in the concentration areas. The International Register for Potentially Toxic Chemicals (IRPTC) will concentrate on the implementation of the Amended London Guidelines for the Exchange of Information on Chemicals in International Trade, support for the implementation of the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal, and assistance to developing countries to improve their scientific and institutional capabilities for assessment and control of chemical hazards.

17.35 The Global Resources Information Database (GRID) will give emphasis to global and regional database development, project application support and support to establishment of the national Geographic Information System (GIS) capability.

17.36 The Global Enviromental Monitoring System (GEMS) will concentrate on the development of an early warning system for the anticipation of environmental threats, global coordination and consolidation of ongoing monitoring and assessement programmes, strengthening of monitoring and assessment capabilities in developing countries and setting up a global monitoring network to assess the effects of global change on terrestrial ecosystems.

Activities (XB):

1. Published materials

(a) Seventeen issues of recurrent publications: supplement to INFOTERRA International Directory; two INFOTERRA specialized directories; environmental experience exchange series;** 12 INFOTERRA bulletins; environmental data report (GEMS); annual state of the environment report;*

(b) Twenty-eight non-recurrent publications: annual data profiles for hazard assessment and risk evaluation of priority chemicals; regulations and recommendations for chemical hazard control; management of waste chemicals (IRPTC); assessment of forest cover trends vis-à-vis changing land use patterns (GEMS); 10 technical reports of the World Conservation Monitoring Centre (WCMC);** five assessment statements in the area of pollution (GEMS); five UNEP environmental library booklets (GEMS); report on emerging environmental issues;* changes in the

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** Low priority.

* High priority.

state of the world environment since 1972;* and comprehensive state-of-the-environment report covering the decade 1982-1992;*

(c) Technical material: development of a global and regional database development with the aim to have, by the end of the biennium, all existing environmental data sets available to the world community either in the GRID archive of through the GRID network of cooperating centres; continuing provision of on-line access to databases (INFOTERRA); and information services through 28 special sectoral sources and 10 regional service centres.

2. Information materials and services

Six issues of the publication of the IRPTC bulletin.

3. Operational activities

(a) Advisory services on: the preparation of national state-of-the-environment reports; query response service providing data, documents and advice on chemicals (IRPTC); the implementation of the amended London Guidelines for the Exchange of Information on Chemicals in International Trade;* the implementation of the Basel Convention for the Control of Transboundary Movements of Hazardous Wastes and their Disposal;* improving IRPTC scientific and institutional capabilities for assessment and control of chemical hazards; the application of geographical information systems technology (GRID);** and the establishment and strengthening of monitoring and assessment capabilities in the field of natural resources and pollution (GEMS);

(b) Development of a network to study anthropogenic and climate change impact on terrestrial ecosystems (GEMS); and a network on radiation monitoring for early warning of nuclear accidents (GEMS);**

(c) Training courses for national focal points (INFOTERRA); two training courses in GIS technology; and two focal points to strengthen their institutional capabilities for storing and retrieving environmental information on hazard assessment, risk evaluation and risk management of chemicals (IRPTC).

4. Coordination, harmonization and liaison

Coordination with FAO, WHO, the United Nations Institute for Training and Research (UNITAR), other intergovernmental organizations, non-governmental organizations and national institutions (IRPTC); and inter-agency coordination for the development of an early warning system for the anticipation of environmental threats (GEMS).

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* High priority.

** Low priority.

Subprogramme 10. Environmental management measures

17.37 Emphasis will be placed on the development, promotion and application of economic policies and incentives, procedures, methods and institutional arrangements for environmentally sound development. This will include the integration of environmental considerations into international economic and development cooperation through the promotion of United Nations system-wide technical cooperation, and support to training and the preparation of guidelines, principles, codes of practices, analyses and information exchange.

17.38 Under environmental law, emphasis will be placed on the implementation of the Vienna Convention for the Protection of the Ozone Layer and of the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal. Preparatory work will be undertaken for the formulation and implementation, as appropriate, of international legal instruments on climate change, biological diversity, marine pollution from land-based sources and chemicals in international trade. Substantive services will be provided to one intergovernmental meeting to consider and approve a legal instrument on marine pollution from land-based sources; one intergovernmental meeting to consider a legal instrument on chemicals in international trade; and intergovernmental meetings on ozone and hazardous wastes.

Activities (XB):

1. Parliamentary services

Ad hoc expert groups: six meetings of the Ad Hoc Working Group of Legal and Technical Experts on Biological Diversity.*

2. Published materials

(a) One recurrent publication: register of international treaties and other agreements in the field of the environment;

(b) Nine non-recurrent publications: new directions in environmental legislation; six explanatory booklets on text of agreements, guidelines and explanatory booklets;** directory of international bodies dealing with environmental protection; and guidelines and case studies on environmental aspects of international economic cooperation;

(c) Technical material: computer database of principal bodies of Governments dealing with the environment.

3. Operational activities

(a) Advisory services on: the development of national environmental legislation and institutional strengthening; the application of economic policies and incentives, procedures and methods (for example, environmental impact

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* High priority.

** Low priority.

assessment, environmental benefit-cost analysis, integrated physical planning, valuation of natural resources and environmental change, and economic analyses of environmental policies) for environmentally sound development;

(b) Coordination and implementation of the inter-agency pilot project on the integration of environmental considerations in development planning;

(c) Training courses on the application of economic polices and incentives, procedures and methods for environmentally sound development.

Subprogramme 11. Environmental awareness

17.39 Under environmental education and training, emphasis will be placed on the development of the International Environment Education Programme (IEEP), training of decision makers and cadres in integrated environmental management, the expansion of the regional training networks, and the setting up of a World Environment Academy.

17.40 Public information activities will concentrate on the implementation of an expanded programme to reach new constituencies, expansion of youth and non-governmental organizations' activities, and production of information material and increased regional information support.

Activities (XB):

1. Published material

Four non-recurrent publications: under the UNESCO-UNEP International Environmental Education Programme, prototype of environmental education curricula and teaching-learning materials on selected themes of current environmental concern (two per year); and two manuals on the impact of specialized environmental training.**

2. Information materials and services

Eight issues of the quarterly UNESCO/UNEP newsletter Connect; 24 issues of Our Planet; eight Global 500 newsletters; information material for World Environment Day, Global 500, Sasakawa Prize, UAJ/World Intellectual Property Organization prize; six booklets and pamphlets on UNEP activities and popular editions of technical publications; UNEP press releases, speech releases and features releases; and information support to reach different constituencies.

3. Operational activities

(a) Advisory services to national institutions to help in the setting up and development of general and specialized environmental training;

** Low priority.

(b) Training: intensive environmental training programme (one-two weeks) for high-level decision-making; environmental training programme (one-two months) for middle-level technicians and cadres; post graduate training programme (4-12 months) in environmental resources management; coordination of the training networks in Latin America and the Caribbean, West Asia, Asia and the Pacific and Africa, including provision of grants and fellowships; and research fellowship programme;

(c) Setting up of a "World Environment Academy", made up of outstanding scientists, technologists, environmental educators and others, supported by a small secretariat whose output will include publications, environmental policy guidance and a network of environmental training and research institutions.

4. Coordination, harmonization and liaison

Cooperation with UNESCO, ILO, the Department of Technical Cooperation for Development and various universities.

Subprogramme 12. Global and regional cooperation

17.41 The subprogramme provides technical cooperation to developing countries in addressing their most pressing environmental problems. During the biennium 1992-1993, it will play a catalytic and coordinating role in promoting regional and subregional cooperation in responding to the major environmental needs of developing countries. In this connection, substantive and technical services will also be provided to the meeting of the African Ministerial Conference on the Environment (biennial) (AMCEN) and the VIII Ministerial Meeting on the Environment in Latin America and the Caribbean (biennial).

Activities (XB):

1. Parliamentary services

(a) Parliamentary documentation: two reports to the High-Level Experts meeting on Regional Cooperation on Environmental Matters in Latin America and the Caribbean; the VIII Ministerial Meeting on the Environment in Latin America and the Caribbean: implementation of the Action Plan for the Environment in Latin America and the Caribbean; and the 1990-1991 activities of the environmental training network for Latin America and the Caribbean;

(b) Ad hoc expert groups and related preparatory work: two meetings of the Ad Hoc Scientific Advisory Group of the Action Plan for Latin America and the Caribbean.

2. Published material

Technical material: database on environmental legislation in Latin America and the Caribbean.

3. Operational activities

(a) Advisory services on: addressing urgent environmental problems; the implementation of the programme of action to combat desertification in the Sudano-Sahelian region in cooperation with the United Nations Sudano-Sahelian Office; the implementation of the Plan of Action of the African Ministerial

Conference on the Environment; the Latin America and the Caribbean regional environmental programme; the subregional programmes of the South Asia Cooperative Environment Programme, the Association of South-East Asian Nations and the South Pacific Regional Environment Programme; and the Plan of Action of the Arab Ministerial Conference on Environment and Development;

(b) Training: grants and fellowships to nationals from developing countries to participate in training courses and seminars on environmental matters.

4. Coordination, harmonization and liaison

Cooperation with UNDP, the United Nations regional commissions and with regional governmental and non-governmental organizations with the Inter-Agency Consultative Support Group of the Action Plan for Latin America and the Caribbean and the Inter-Agency Working Group meetings of the African Ministerial Conference on the Environment (AMCEN).

Resource requirement (at revised 1991 rates)

Consultants

17.42 The estimated requirement under this heading ($120,500) relates to:

		$
Subprogramme 1.	Atmosphere	17 200
Subprogramme 2.	Water	8 500
Subprogramme 3.	Terrestrial ecosystems	51 700
Subprogramme 10.	Environmental management measures	43 100
	Total	120 500

Ad hoc expert groups

17.43 The requirement of $42,700 provides for 11 meetings relating to subprogramme 4, Oceans; six meetings relating to subprogramme 10, Environmental management measures, and two meetings under subprogramme 12, Global and regional cooperation.

Travel of staff

17.44 The estimated requirement under this heading of $58,200 relates to travel in connection with consultation with Governments, institutions and agencies in the context of the implementation of the work programme.

C. Programme support

TABLE 17.14. ANALYSIS OF OVERALL COSTS

(Thousands of United States dollars)

(1) Regular budget

Main objects of expenditure	1990-1991 appropriation	Estimated additional requirements at revised 1991 rates		Total requirements at revised 1991 rates	Inflation in 1992 and 1993	1992-1993 estimates
		Revaluation of 1990-1991 resource base	Resource growth			
Established posts	1 417.9	83.3	170.2	1 671.4	213.7	1 885.1
Temporary assistance for meetings	1 165.8	10.8	644.3	1 820.9	298.9	2 119.8
General temporary assistance	57.3	2.9	-	60.2	10.0	70.2
Consultants	19.2	1.1	2.8	23.1	3.9	27.0
Overtime and night differential	68.3	1.3	11.6	81.2	12.8	94.0
Common staff costs	886.5	50.9	106.6	1 044.0	134.8	1 178.8
Travel of representatives	11.1	-	10.0	21.1	2.9	24.0
Travel of staff	34.3	1.5	1.7	37.5	6.4	43.9
Training	17.9	0.9	-	18.8	3.1	21.9
Contractual services	73.6	1.1	2.1	76.8	12.9	89.7
External printing and binding	18.6	1.0	-	19.6	3.2	22.8
Rental of furniture and equipment	289.6	10.3	27.4	327.3	53.2	380.5
Communications	251.1	12.7	-	263.8	43.8	307.6
Official functions	10.8	0.2	-	11.0	1.9	12.9
Miscellaneous services	12.7	-	4.2	16.9	2.7	19.6
Supplies and materials	282.0	11.1	18.2	311.3	51.0	362.3
Furniture and equipment	198.3	(39.0)	-	159.3	26.4	185.7
Total	4 815.0	150.1	999.1	5 964.2	881.6	6 845.8

TABLE 17.14 (continued)

(2) Extrabudgetary resources

	1990-1991 estimated expenditures	1992-1993 estimated expenditures
(a) Services in support of:		
(i) Other United Nations organizations	-	-
(ii) Extrabudgetary programmes		
UNEP Special Account for Programme Support Costs	1 203.4	1 330.0
Total (a)	1 203.4	1 330.0
(b) Substantive activities		
Environment Fund: programme costs	13 841.8	15 325.3
Total (b)	13 841.8	15 325.3
(c) Operational projects	-	-
Total (c)	-	-
Total (a), (b) and (c)	15 045.2	16 655.3
Total		23 501.1

TABLE 17.15. POST REQUIREMENTS

Programme support

	Established posts		Temporary posts				Total	
	Regular budget		Regular budget		Extrabudgetary resources			
	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993	1990-1991	1992-1993
Professional category and above								
D-1	1	2	-	-	-	-	1	2
P-5	3	3	-	-	1	1	4	4
P-4	3	4	-	-	6	6	9	10
P-3	2	2	-	-	10	10	12	12
P-2/1	2	2	-	-	5	5	7	7
Total	11	13	-	-	22	22	33	35
Other categories								
Local level	29	29	-	-	104	104	133	133
Total	29	29	-	-	104	104	133	133
Grand total	40	42	-	-	126	126	166	168

17.45 Provision is made under programme support for personnel, budget, financial and electronic data processing, as well as for the conference services required to support the work of UNEP.

Resource requirements (at revised 1991 rates)

Established posts

17.46 The estimated requirements for established posts ($1,671,400) and common staff costs ($1,044,000) include an increase of $120,400 and $75,000, respectively, related to the redeployment of one D-1 post from Executive direction and management; and $49,800 and $31,600 respectively, related to the proposed establishment of a new P-4 post to support and strengthen the Electronic Data Processing Unit, which is currently financed entirely from extrabudgetary resources.

Temporary assistance for meetings

17.47 The estimated requirements of $1,820,900 relate to conference-servicing staff for the Governing Council. An increase of $267,900 represents a non-recurrent provision for a five-day special session of the Governing Council in 1992, in preparation for the 1992 United Nations Conference on Environment and Development. The increase of $376,400 would provide for the resources necessary for a 10-working day regular session on a biennial basis. Current provisions, which are under-budgeted, were based on an eight-day session of the Governing Council.

General temporary assistance

17.48 The estimated requirements under this heading ($60,200) provide for the replacement of General Service staff on extended sick leave or maternity leave and the hiring of additional staff during peak workload periods.

Consultants

17.49 The estimated requirements under this heading ($23,100) relate to the regular budget share of the services of a medical doctor. By arrangement with all the United Nations agencies housed at the United Nations complex, the doctor's fee ($32,000 per annum) is shared by all. UNEP pays 50 per cent of the fee, of which one third is charged to the regular budget.

Overtime and night differential

17.50 The estimated requirements under this heading ($81,200) reflect an increase of $11,600, which relates to the special session of the Governing Council and the extended provision for the regular session of the Governing Council.

Travel of representatives

17.51 The estimated requirements under this heading ($21,100) reflect an increase of $10,000, relating to the special session of the Governing Council.

Travel of staff

17.52 The estimated requirements under this heading ($37,500) relate to the staff funded from the regular budget of the regional office of Europe to attend the regular session of the Governing Council.

Training

17.53 The estimated requirements under this heading ($18,800) relate to the cost of language training for UNEP staff funded under the regular budget.

Contractual services

17.54 The estimated requirements under this heading ($76,800) provide for translation that cannot be provided in-house.

External printing and binding

17.55 The estimated requirements under this heading ($19,600) relate to the state-of-the-environment reports and the UNEP news.

Rental of furniture and equipment

17.56 The estimated requirements under this heading ($327,300) reflect an increase of $27,400, which relates to the special session of the Governing Council and the regular session of the Governing Council.

Communications

17.57 The requirements under this heading ($263,800) remain at the same level as in the current biennium.

Miscellaneous services

17.58 The estimated requirements under this heading ($16,900) provide for the fees of sound technicians and engineers for the operation of the simultaneous interpretation equipment. The increase of $4,200 relates to the special session of the Governing Council and the regular session of the Governing Council.

Supplies and materials

17.59 The estimated requirements under this heading ($311,300) are based on the current cost of paper, photocopying and other miscellaneous supplies. The increase of $18,200 relates to the special session of the Governing Council and the regular session of the Governing Council.

Furniture and equipment

17.60 The estimated requirements under this heading ($159,300) provide for replacement of furniture, computers and printers.